

PATENT

Atty. Dkt. No. 20568-60741 (LCNT/CHROMTS 5)

IN THE SPECIFICATION

Please add the following Abstract.

Abstract

A node for a fiber optic communication network includes a first device for converting a first optical signal at a first frequency carried by the network into a first electric signal, a second device for demodulating from the first electrical signal first information modulated on the first optical signal, a third device for modulating second information on a second electrical signal, a fourth device for converting the second information modulated on the second electrical signal into a second optical signal at the first frequency, and a fifth device for providing a third optical signal at a second frequency, the third optical signal has third information modulated on it. The node further includes a sixth device for multiplexing the second and third optical signals and placing the multiplexed second and third optical signals on the network.

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